

STATE OF HAWAII  
REQUEST FOR SOLE SOURCE

06 FEB -9 11:58

TO: Chief Procurement Office

STATE PROCUREMENT OFFICE

FROM: Transportation, Airports in \_\_\_\_\_  
(Department/Division/Agency)

Pursuant to Sec. 103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

Description of goods, services, or construction:  
Upgrade of existing 800 MHz Trunking Radio Communications System at Honolulu International Airport. System will be upgraded to a Digital (APCO 25 capable) 800 MHz Trunking Radio Communications System. Upgrade includes replacing 5 analog MSF5000 repeaters with 7 ASTRO Digital (P25 capable) Quantar Repeater and replacing one 6809 Analog Controller with a MTC3600 Digital Controller. The same antenna, line kits and combiner system will be used. All existing control stations, mobile radios and portable radios will continue to be compatible with the upgraded radio system.

Name of Vendor: Pacific Wireless Communications, LLC	Cost: \$559,961.00
Address: 710 Kakoi St. Honolulu, Hawaii 96819	

Terms of Contract: <i>upon CFO Approval</i>	From: <del>Approval of Funds</del>	To: 01 Jan 08	Prior Sole Source Reference No.:
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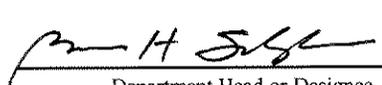
The goods, services or construction has the following unique features, characteristics, or capabilities:  
Pacific Wireless Communications is the only Authorized provider in the State of Hawaii capable of upgrading the existing Motorola 800 MHz SMARTNET Trunking Radio System to a Digital (APCO 25 capable) 800 MHz SMARTNET Trunking Radio Communications Systems. Subscriber units (mobiles and portables) from the Kahului and Kalaeloa Airport systems can be used on the HIA airport system and the reverse is also true. The Digital (APCO 25 capable) 800 MHz SMARTNET Trunking Radio System is also compatible with DOT Highways Oahu Districts 800 MHz Island Wide radio Communication System, DOT Harbors Oahu District 800 MHz Communications System, DOT Highways Maui District 800MHz Communications System, DOT Airports Kauai District 800MHz SMARTNET II Communications System, and DOT Highways Kauai District 800MHz SMARTNET II Communications System.

How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work:  
 To be compliant with Hawaii Revised Statutes, Chapter 444 and 436B (Contractor and Professional & Vocational Licensing Law) the requested SMARTNET Digital (APCO 25 capable) 800 MHz Trunking System upgrade must be installed by a C-15 Electronics System Contractor. Pacific Wireless Communications, has the required C-15 Hawaii Electronic System Contractors License. The Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System allows Honolulu International Airport personnel to communicate with each other on a day-to-day basis for operations and maintenance purposes. During emergencies, the Digital (APCO 25 capable) 800 MHz Motorola SMARTNET II Trunking Radio Communications System allows for maximum use of radio communications in the coordination of men and material. The 800 MHz Trunking System upgrade allow for maximum use of the communications system during emergencies.

The following other possible sources for the goods, services, or construction were investigated but do not meet our needs because:  
 Pacific Wireless Communications, is the only licensed contractor in Hawaii that can upgrade the 800 MHz SMARTNET Trunking Radio Communications System which has unique characteristics and/or capabilities (as explained above) which are essential to meet the needs of the State of Hawaii DOT.

Direct questions to: Martinez Jacobs, Airports Fire Chief Phone: 838-8702

*I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.*

 2/7/06  
 Department Head or Designee Date

Deputy Director, Airports Division  
 Title (if other than Department Head)

Chief Procurement Officer's Comments:  
 This approval is based on DOT's representation that only this equipment will serve their communication needs for the safety of ground personnel and for use during emergency operations. The DOT agrees with the manufacturer (letter attached) that there is only one authorized source for this product and related services.

Please ensure adherence to applicable administrative and statutory requirements.

Expenditure may be processed through a purchase order: Yes:  No:  . If no, a contract must be executed and funds certified.

APPROVED  DISAPPROVED

 2/17/06  
 Chief Procurement Officer Date

## Telecom Request

### Description

Upgrade existing Honolulu International Airport 5 channel SmartNet 800 MHz Trunking Radio Communications System to a 7 channel Digital Astro SmartNet (APCO 25 capable) 800 MHz Trunked radio system. This project includes the removal of 5 MSF5000 Repeaters and replacing with 7 ASTRO Digital (P25 capable) Quantar Repeaters and the replacement of the 6809 analog controller with an MTC 3600 digital controller. All existing control stations, mobiles, portables, combiner system, antenna and line kits will be used.

### Justification

Honolulu International Airport requires a land mobile radio system for the coordination of all ground activities of personnel and equipment. The radios are required for the safety of ground personnel and will be utilized during emergency operations. All mobile and portable radios are capable of being used on the Kahului, Kalaeloa Airport, and Lihue Airport 800 MHz Trunked radio communications systems. Also, the subscriber units (portables and mobiles) can be used on the State of Hawaii, Dept. of Transportation's 800 MHz Conventional radio communications systems on the Islands of Oahu and Maui. This is critical for emergencies that require mutual aid. Emergency personnel from these state agencies will be able to communicate with each other.

The upgrades will enhance the systems performance by allowing more users to utilize the system during emergencies by increasing the number of repeaters to 7. The digital capability will allow secure transmissions of sensitive information.



**MOTOROLA**

Ron Harman  
Motorola, Inc.  
1596 Manasco Circle  
Folsom, CA  
December 2, 2005

Rodney Hiraga  
Director  
Department of Transportation  
869 Punchbowl Street  
Honolulu, Hi 96813

Dear Mr. Hiraga,

Subject: Pacific Wireless Communications

This is to advise you that Pacific Wireless Communications continues to represent Motorola in the sales and systems integration of all its major two-way system communications products in the State of Hawaii. These products include the 700/800 MHz SmartNet, 700/800 MHz Astro Conventional, 700/800 MHz Astro Trunking and Secure two-way radio products used by the State of Hawaii. Pacific Wireless Communications LLC is the only authorized source for sales and service of the 700/800 MHz SmartNet, Astro and Secure capable two-way radio products to the State of Hawaii.

Yours truly,

A handwritten signature in black ink, appearing to read 'Ron Harman'.

Ron Harman  
Motorola Sales Team Leader  
Western Division